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Title: **EP0716060A1: Gas generating mixture[German][French]**

Derwent Title: Non-toxic gas-generating mixt. with low combustion temp. - contains copper di:amine:di:nitrate and metal, metalloid or alloy powder with great oxygen reactivity as fuel, which is useful, e.g. for inflating airbags [\[Derwent Record\]](#)

Country: EP European Patent Office (EPO)

Kind: A1 Publ. of Application with search report ¹ (See also: [EP0716060B1](#))

Inventor: **Bucerius, Klaus Martin, Dr.; Engel, Walter, Dr.; Schmid, Helmut; Eisenreich, Norbert, Dr.;**

Assignee: **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.**
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Published / Filed: **1996-06-12 / 1995-10-13**

Application Number: **EP1995000116147**

IPC Code: **C06D 5/06; C06B 31/00;**

ECLA Code: **C06B33/04; C06D5/06;**

Priority Number: **1994-11-25 DE1994004442037**

Abstract: Non-toxic gas-generating mixt. with low combustion temp. A gas-generating mixt. consists of a fuel, oxidant and opt. coolant. The fuel comprises a mixt. of Cu(NH₃)₂(NO₃)₂ (I) and metal, metalloid or alloy powder (II) with great O₂ reactivity.

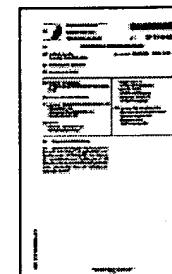
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Designated Country: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

Family: [Show 6 known family members](#)

Description [Expand description](#) Die Erfindung betrifft eine gaserzeugende Mischung aus einem Brennstoff, einem Oxidator und gegebenenfalls einem Kühlmittel.
+ **Beispiel:**

First Claim: [Show all claims](#) 1. Gaserzeugende Mischung aus einem Brennstoff, einem Oxidator und gegebenenfalls einem Kühlmittel, dadurch gekennzeichnet, daß der Brennstoff aus einer Mischung aus Kupfertetramminnitrat [Cu(NH₃)₄](NO₃)₂ und einem eine große Sauerstoff-Reaktionsfähigkeit aufweisende, pulverförmige Metall



oder Halbmetall bzw. Legierungen derselben besteht.

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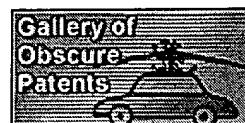
PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6533878	2003-03-18	Fonblanc; Gilles	Societe Nationale des Poudres et Explosifs	Pyrotechnic composition generating non-toxic gas on ammonium perchlorate

Other Abstract

Info:



CHEMABS 124(12)150125N DERABS C96-031385



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